

5                   **MEANS AND METHODS FOR MONITORING PROTEASE  
INHIBITOR ANTIRETROVIRAL THERAPY AND GUIDING  
THERAPEUTIC DECISIONS IN THE TREATMENT OF HIV/AIDS**

**Abstract of the Invention**

10                   This invention relates to antiviral drug  
susceptibility and resistance tests to be used in  
identifying effective drug regimens for the treatment  
of human immunodeficiency virus (HIV) infection and  
acquired immunodeficiency syndrome (AIDS), particularly  
15 treatment regimens including a protease inhibitor. The  
invention further relates to the means and methods of  
monitoring the clinical progression of HIV infection  
and its response to antiretroviral therapy using  
phenotypic or genotypic susceptibility assays.  
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